PROJECT TITLE : Physical Testing Methods

Period Covered : December 1, 1979 - January 31, 1980
Report Written by : T. Piko
Report Approved by : J.B. Boder

Diameter of Porous Filter Rods

The trials with the Filtrona "Automatic Circumference Gauge" in the QC laboratory are over. The results are satisfactory.

Comparative measurements with other diameter measuring instruments, such as Solex and Laser-Mike, are under way. After this test, the "Automatic Circumference Gauge" will be definitely installed in the QC lab. for routine checks.

Cigarette Compressibility

The comparative measurements between the modified digital firmness tester and the instrument used by QC PME have been carried out. The results are identical. The definitive electronic control device was ordered from RCB Electronic.

Automation of TPM Determination

We received a new quotation from RCB Electronic as regards the automation of TPM determination.

After discussion with Messrs. Boder and Etter, it has been decided that a study should be carried out, in collaboration with Mr. Carpi (RCB Electronic), on a general concept of the QC PME laboratory in view of a possible extension of the micro-processor.

Pressure Drop and Dilution Instrument ex PME

The second series of PDI ex PME has been built. We dispatched :

2 instruments to PM Munich
2 instruments to PM Berlin
1 instrument to Factory Duvana, Sarajevo
1 instrument to Intertaba, Bologna

Automatic Scale for Individual Cigarette Weight

We received four mechanical units for the automatic scale.

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Physical Test

The results for December 1979 as well as comments by Dr. Kreuter will be distributed at the beginning of February.

Miscellaneous

A complete instrument to determine the cigarette moisture content, TESTRON model TM-80, was dispatched to Philip Morris Overseas Inc., London.

QC - METHODS

T. Piko